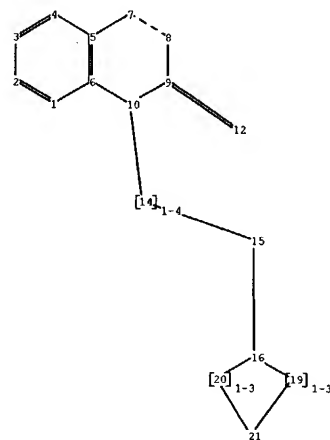
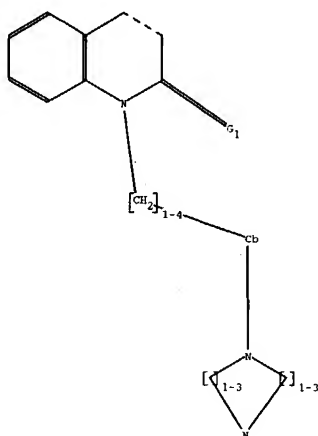


C:\stnweb\Queries\4.str



```

chain nodes :
  12 14 15
ring nodes :
  1 2 3 4 5 6 7 8 9 10 16 19 20 21
chain bonds :
  9-12 10-14 14-15 15-16
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 16-19 16-20 19-21 20-21
exact/norm bonds :
  5-7 6-10 7-8 8-9 9-10 9-12 16-19 16-20 19-21 20-21
exact bonds :
  10-14 14-15 15-16
normalized bonds :
  1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
  containing 1 :

```

G1:O,S

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 12:CLASS
14:CLASS 15:Atom 16:Atom 19:Atom 20:Atom 21:Atom

```

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ENTRY	SESSION

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STRUCTURE FILE UPDATES: 13 SEP 2004 HIGHEST RN 744170-41-0  
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

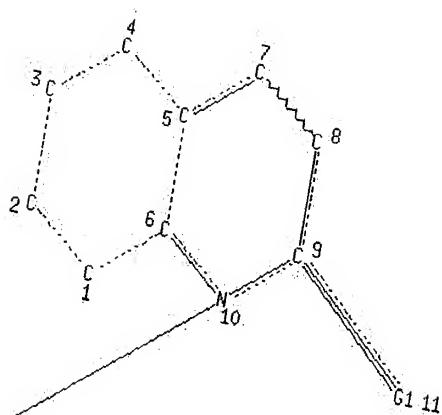
L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

0 21 S 22



Page 1-B

12 C M2

Page 2-A



NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

=> s l1

SAMPLE SEARCH INITIATED 14:37:03 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 8889 TO ITERATE

11.2% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 172131 TO 183429  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y  
FULL SEARCH INITIATED 14:37:08 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 179696 TO ITERATE

100.0% PROCESSED 179696 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.04

L3 0 SEA SSS FUL L1

=>

SALES PERSON: 53  
CUSTOMER NBR: 035353

ITINERARY  
MEQZTW

DATE: 14 SEP 04  
PAGE: 01

TO: 4025 CONNECTICUT AVE NW  
APT 305  
WASHINGTON DC 20008  
202-248-1812-H  
571-273-0692-F

FOR: ROBINSON/BINTA M

04 OCT 04 - MONDAY

AIR	UNITED AIRLINES	FLT:932	ECONOMY	MULTI MEALS
	LV WASHINGTON DULLES		935P	EQP: BOEING 777
				07HR 55MIN

05 OCT 04 - TUESDAY

	AR FRANKFURT	1130A		NON-STOP
	ARRIVE: TERMINAL 1			REF: ZLS1SC
AIR	UNITED AIRLINES	FLT:8802	ECONOMY	SNACK
	FRANKFURT-ROME FIUMICINO OPERATED BY LUFTHANSA			
	LV FRANKFURT	230P		EQP: AIRBUS A321
	DEPART: TERMINAL 1			01HR 35MIN
	AR ROME FIUMICINO	405P		NON-STOP
	ARRIVE: TERMINAL B DOM-SCHENGEN			REF: ZLS1SC

17 OCT 04 - SUNDAY

AIR	LUFTHANSA	FLT:3853	ECONOMY	REFRSHMNT/COMP
	LV ROME FIUMICINO	705A		EQP: AIRBUS A321-200
	DEPART: TERMINAL B DOM-SCHENGEN			02HR 00MIN
	AR FRANKFURT	905A		NON-STOP
	ARRIVE: TERMINAL 1			REF: 2MZ6N4
AIR	LUFTHANSA	FLT:418	ECONOMY	MEALS
	LV FRANKFURT	120P		EQP: BOEING 747
	DEPART: TERMINAL 1			08HR 30MIN
	AR WASHINGTON DULLES	350P		NON-STOP
				REF: 2MZ6N4

CONTINUED ON PAGE 2

SALES PERSON: 53  
CUSTOMER NBR: 035353

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FARE INCLUDING TAX 625

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RULES ON PUBLISHED FARE TICKETS ARE ACCORDING TO  
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DOMESTICK NET FARES/FI AND AT ARE TOTALLY NONREFUNDABLE  
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WITHOUT EXCEPTION. BA TICKETS BOOKED IN Q CLASS ARE  
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NW/KL TICKETS BOOKED IN Q,H,V, OR K CLASS ARE TOTALLY  
NONREFUNDABLE. THE AIRLINES REQUIRE TICKETS TO BE  
SUBMITTED FOR REFUND PRIOR TO DEPARTURE DATE, PROVIDED  
THE RESERVATION IS CANCELLED. PARTIALLY USED TICKETS  
AND NOSHOWS HAVE NO REFUND VALUE. PENALTY TO CHANGE  
THE RETURN DATE IS 250USD. ONE WAY TICKETS ARE  
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ARE SUBJECT TO 25USD PENALTY. ALL FULLY REFUNDABLE  
TICKETS ARE SUBJECT TO 50USD PROCESSING FEE.

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	ENTRY	SESSION
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	ENTRY	SESSION
FULL ESTIMATED COST	0.84	1.05

=> file reg

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	ENTRY	SESSION
FULL ESTIMATED COST	0.84	1.05

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information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	1.47

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FILE COVERS 1907 - 14 Sep 2004 VOL 141 ISS 12  
 FILE LAST UPDATED: 13 Sep 2004 (20040913/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 5-hydroxytryptamine {} modulat?

5695465 5  
 18916 HYDROXYTRYPTAMINE  
 69 HYDROXYTRYPTAMINES  
 18939 HYDROXYTRYPTAMINE  
 (HYDROXYTRYPTAMINE OR HYDROXYTRYPTAMINES)  
 18103 5-HYDROXYTRYPTAMINE  
 (5(W)HYDROXYTRYPTAMINE)  
 294348 MODULAT?

L1 13 5-HYDROXYTRYPTAMINE (W) MODULAT?

=> s 11 and memory {} disorder?

101094 MEMORY  
 4575 MEMORIES  
 102486 MEMORY  
 (MEMORY OR MEMORIES)  
 379937 DISORDER?

L2 483 MEMORY (W) DISORDER?  
 0 L1 AND MEMORY (W) DISORDER?

=> s 11 and memory

101094 MEMORY  
 4575 MEMORIES  
 102486 MEMORY  
 (MEMORY OR MEMORIES)

L3 0 L1 AND MEMORY

=> s 5-hydroxytryptamine {} ligand?

5695465 5  
 18916 HYDROXYTRYPTAMINE  
 69 HYDROXYTRYPTAMINES  
 18939 HYDROXYTRYPTAMINE  
 (HYDROXYTRYPTAMINE OR HYDROXYTRYPTAMINES)  
 18103 5-HYDROXYTRYPTAMINE  
 (5(W)HYDROXYTRYPTAMINE)  
 362282 LIGAND?  
 L4 2 5-HYDROXYTRYPTAMINE (W) LIGAND?

=> s l4 and memory  
 101094 MEMORY  
 4575 MEMORIES  
 102486 MEMORY  
 (MEMORY OR MEMORIES)  
 L5 0 L4 AND MEMORY

=> s l4 and review/dt  
 1757375 REVIEW/DT  
 L6 0 L4 AND REVIEW/DT

=> d his

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FILE 'REGISTRY' ENTERED AT 16:21:18 ON 14 SEP 2004

FILE 'REGISTRY' ENTERED AT 16:22:40 ON 14 SEP 2004

FILE 'HCAPLUS' ENTERED AT 16:22:47 ON 14 SEP 2004

L1 13 S 5-HYDROXYTRYPTAMINE () MODULAT?  
 L2 0 S L1 AND MEMORY () DISORDER?  
 L3 0 S L1 AND MEMORY  
 L4 2 S 5-HYDROXYTRYPTAMINE () LIGAND?  
 L5 0 S L4 AND MEMORY  
 L6 0 S L4 AND REVIEW/DT

=> s l1 and review/dt  
 1757375 REVIEW/DT  
 L7 1 L1 AND REVIEW/DT

=> d l7, ibib abs, 1

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

**Full Text** **Light References**

ACCESSION NUMBER: 1983:83656 HCAPLUS  
 DOCUMENT NUMBER: 98:83656  
 TITLE: Noradrenaline and **5-hydroxytryptamine** modulation  
 of brain dopamine function: implications for the  
 treatment of Parkinson's disease  
 AUTHOR(S): Jenner, P.; Sheehy, M.; Marsden, C. D.  
 CORPORATE SOURCE: Med. Sch., King's Coll. Hosp., London, UK  
 SOURCE: British Journal of Clinical Pharmacology (1983),  
 15(Suppl. 2), 277-89  
 CODEN: BCPHBM; ISSN: 0306-5251  
 DOCUMENT TYPE: Journal; **General Review**  
 LANGUAGE: English  
 AB A review and discussion with 68 refs. on the effect of noradrenaline  
 [51-41-2] and serotonin [50-67-9] on brain dopamine [51-61-6] function

and the implications of such effects for parkinsonism treatment.

=> d his

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FILE 'REGISTRY' ENTERED AT 16:21:18 ON 14 SEP 2004

FILE 'REGISTRY' ENTERED AT 16:22:40 ON 14 SEP 2004

FILE 'HCAPLUS' ENTERED AT 16:22:47 ON 14 SEP 2004

```
L1      13 S 5-HYDROXYTRYPTAMINE () MODULAT?
L2      0 S L1 AND MEMORY () DISORDER?
L3      0 S L1 AND MEMORY
L4      2 S 5-HYDROXYTRYPTAMINE () LIGAND?
L5      0 S L4 AND MEMORY
L6      0 S L4 AND REVIEW/DT
L7      1 S L1 AND REVIEW/DT
```

=> s 5-hydroxytryptamine {} ligand?

```
5695465 5
18916 HYDROXYTRYPTAMINE
69 HYDROXYTRYPTAMINES
18939 HYDROXYTRYPTAMINE
      (HYDROXYTRYPTAMINE OR HYDROXYTRYPTAMINES)
18103 5-HYDROXYTRYPTAMINE
      (5(W)HYDROXYTRYPTAMINE)
362282 LIGAND?
L8      2 5-HYDROXYTRYPTAMINE (W) LIGAND?
```

=> s l8 and review/dt

```
1757375 REVIEW/DT
L9      0 L8 AND REVIEW/DT
```

=> s 5-hydroxytryptamine {} inhibit?

```
5695465 5
18916 HYDROXYTRYPTAMINE
69 HYDROXYTRYPTAMINES
18939 HYDROXYTRYPTAMINE
      (HYDROXYTRYPTAMINE OR HYDROXYTRYPTAMINES)
18103 5-HYDROXYTRYPTAMINE
      (5(W)HYDROXYTRYPTAMINE)
1681399 INHIBIT?
L10     44 5-HYDROXYTRYPTAMINE (W) INHIBIT?
```

=> s l10 and memory {} disorder?

```
101094 MEMORY
4575 MEMORIES
102486 MEMORY
      (MEMORY OR MEMORIES)
379937 DISORDER?
483 MEMORY (W) DISORDER?
```

```
L11     0 L10 AND MEMORY (W) DISORDER?
```

=> s l10 and memory

```
101094 MEMORY
4575 MEMORIES
102486 MEMORY
      (MEMORY OR MEMORIES)
```

L12 0 L10 AND MEMORY

=> s l10 and review/dt  
1757375 REVIEW/DT

L13 1 L10 AND REVIEW/DT

=> d l13, ibib abs, 1

L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Cited References
--------------	---------------------

ACCESSION NUMBER: 1978:99370 HCAPLUS

DOCUMENT NUMBER: 88:99370

TITLE: Histamine and 5-hydroxytryptamine - inhibition  
of transmitter release mediated by H2- and  
5-hydroxytryptamine receptors

AUTHOR(S): McGrath, Michael A.; Shepherd, John T.

CORPORATE SOURCE: Dep. Physiol. Biophys., Mayo Clin. and Mayo Found.,  
Rochester, MN, USA

SOURCE: Federation Proceedings (1978), 37(2), 195-8  
CODEN: FEPRA7; ISSN: 0014-9446

DOCUMENT TYPE: Journal; **General Review**

LANGUAGE: English

AB A review with 36 refs. suggesting that the vasodilatation caused by  
histamine [51-45-6] and 5-hydroxytryptamine [50-67-9] may be due, at  
least in part, to their inhibitory action on adrenergic neurotransmission.  
The mediation of H2- and 5-hydroxytryptamine receptors in this inhibition  
is also discussed.

=>